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logo

NTDB id 1475 Cj0275 YP 002343717.1          MEFLSIGVKIMPRKCSFCNEVENPQRRILANENDDAFICEYCVEGAYSIIYGEEKEFKEPKQSHNTEFKDITPKELKAYL   80
NTDB id 317150 D7D50 RS07710 WP 120701912.1 ..MPTNQSNDMMVYCSFCGKNQDEVQKIIAG..NNAFICNECVELAQEIIREELAEEVLS.....DLSEVPKPIELLNIL   71
NTDB id 379 SMU RS04375 WP 002262816.1      ..MAGNRTNDVTVHCSFCGKNQDEVKKIIAG..NGVFICNECVELSQEIIREELAEEVLA.....DLSEVPKPKELLAIL   71
consensus                                     * ** **** * !!!!*******!*!*   * *!!!**!!!****!!**!**!***      *******!*!!***!

logo

NTDB id 1475 Cj0275 YP 002343717.1          DRYVIGQDRAKKVFSVGVYNHYKRLFKAELQ..DDDTELFKSNILLVGPTGSGKTLLAQTLAKFLDVPIAICDATSLTEA  158
NTDB id 317150 D7D50 RS07710 WP 120701912.1 NHYVIGQDRAKRALAVAVYNHYKRINFHENREEDNDVDLQKSNILMVGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  151
NTDB id 379 SMU RS04375 WP 002262816.1      DSYVIGQDRAKRALAVAVYNHYKRISFTESQ.DDQDVDLQKSNILMIGPTGSGKTFLAQTLAKSLNVPFAIADATALTEA  150
consensus                                   * !!!!!!!!!****!*!!!!!!!* * ! * *!*!**!*!!!!!**!!!!!!!!*!!!!!!!*!*!!*!!*!!!*!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          GYVGEDVENILTRLLQAADGDVQRAQKGIVFIDEIDKIARMSENRSITRDVSGEGVQQALLKIIEGSLVNIPPRGGRKHP  238
NTDB id 317150 D7D50 RS07710 WP 120701912.1 GYVGEDVENILLKLLQAADFNIERAERGIIYVDEIDKIAKKSENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  231
NTDB id 379 SMU RS04375 WP 002262816.1      GYVGEDVENILLKLIQAADYNVERAERGIIYVDEIDKIAKKGENVSITRDVSGEGVQQALLKIIEGTVASVPPQGGRKHP  230
consensus                                   !!!!!!!!!!!**!*!!!!*****!!**!!***!!!!!!***!!*!!!!!!!!!!!!!!!!!!!!!!*****!!*!!!!!!

logo

NTDB id 1475 Cj0275 YP 002343717.1          NQEFIQIDTSNILFVCGGAFDGLETILKRKLGDKVVGFFDDAK..EENKALLEKIEPDDLVHFGLIPELIGRLHVIASLN  316
NTDB id 317150 D7D50 RS07710 WP 120701912.1 QQEMIQVDTKNILFIVGGAFDGIEEIVKQRLGEKIIGFGQNNKAIDESSSYMQEIIAEDIQKFGIIPELIGRLPVLAALE  311
NTDB id 379 SMU RS04375 WP 002262816.1      QQEMIQIDTKNILFIVGGAFDGIEDIVKQRLGEKIIGFGQNNKKIDDQSSYMQEIISEDIQKFGLIPEFIGRLPVLAALE  310
consensus                                   *!!*!!*!!*!!!!**!!!!!!*!*!*!**!!*!**!!****!  ***********!*  *!***!!*!!!*!!!!*!*!*!*

logo

NTDB id 1475 Cj0275 YP 002343717.1          ELNEEDMVRILTEPKNAIIKQYQKLFAIDGVNLKFEEDALRAIAQLALERKTGARGLRSIIEEMMVDLMFELPEYKDYDI  396
NTDB id 317150 D7D50 RS07710 WP 120701912.1 QLTVEDLVRILKEPRNALVKQYQALLSFDDVELEFDNEALEEIASKAIERKTGARGLRSIIEETMMDVMFEVPSQEDVKL  391
NTDB id 379 SMU RS04375 WP 002262816.1      QLTVDDLVKILTEPKNALVKQYQTLLSYDGVELEFDQEALQAIAQKAIERKTGARGLRSIIEETMLDLMFEIPSQEDVTC  390
consensus                                   *!***!*!*!!*!!*!!**!!!!  !***!*!*!*!***!!  *!!**!*!!!!!!!!!!!!!!!!!!*!*!!!!*!***!*  *

logo

NTDB id 1475 Cj0275 YP 002343717.1          VI.TKEVVKDNAKALLIKRKIS   417
NTDB id 317150 D7D50 RS07710 WP 120701912.1 VRITKEAVKGTEKPILETA...   410
NTDB id 379 SMU RS04375 WP 002262816.1      VRITKKAVEGTDKPILETAS..   410
consensus                                   !**!!**!***!**!***
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X non conserved

X similar

X ≥ 50% conserved